POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT,
NOT ACCOMPANYING
APPLICATION

Application Number	09/865,067
Filing Date	05/24/2001
First Named Inventor	Loveday, et al.
Group Art Unit	1755
Examiner Name	Pasterczyk, James W.
Attorney Docket Number	1999U026D2.US

I hereby app	oint:				
_		at Customer Number	2595	59	
OR		,	······································	Label 215959	ł
Practiti	ioner(s	s) named below:			
		Attorney/Agent		Registration Number	
<u> </u>	Darrell	E. Warner		36,046	
	Kevin	M. Faulkner	· 	45,427	_
	Raul R	. Montes		32,545	
-	Osbori	ne K. McKinney		40,084	
	Kelly A	. Morgan	····	35,620	
		(s) or agent(s) to prosect ark Office connected the		ation identified above, and to transact all bus	iness in the
_	-	correspondence address mentioned Customer Nu		e-identified application to:	
OR					
Firm or Individual N	Vame	Univation Technologies, L	.LC		
Address		5555 San Felipe			
Address		Suite 1950			
City		Houston State	Texas	Zip Code 77056	
Country		United States of America			
Telephone		(713) 892-3729		Fax (713) 892-3687	
I am the:					
☐ Applica	ant				
Assignee of record of the entire interest					
		SIGNATUR	E OF Applica	nt or Assign e of Record	
Name (Print/Ty	(pe)	Raul R. Montes, General (Counsel and Se	ecretary for Univation Technologies, LLC	*****
Signature		Durente 3		-	
Date		December 3	, 2002.		

		Application Number	09/865,067	
POWER OF ATTORNEY OR AUTHORIZATION OF AGENT,		Filing Date	05/24/2001	
		First Named Inventor/	Donald R. Loveday	
	CCOMPANYING	Group Art Unit 1755		
AF	PPLICATION	Examiner Name	Pasterczyk, James W.	
		Attorney Docket Number	1999U026D2.US	
I hereby appoint:			(
Practitioners	at Customer Number 2	25959	Number de de	
OR	' ,		PATENT TRADEMARK OFFICE	
Practitioner(s) named below:			
	Attorney/Agent	Registrati	on Number	
Osbo	rne K. McKinney	40,	084	
Kevin	M. Faulkner	45,	427	
Raul I	R. Montes	32,	545	
Steph	en P. Koch	37,660		
Kelly	A. Morgan	35,	620	
As my/our attorney	r(s) or agent(s) to prosecute the apparate Office connected therewith.	oplication identified above, a	and to transact all business in the	
	correspondence address for the a mentioned Customer Number.	above-identified application	to:	
OR				
Firm or Individual Name	Univation Technologies, LLC			
Address	5555 San Felipe			
Address	Suite 1950			
City	Houston State Texa	as	Zip Code 77056	
Country Telephone	United States of America (713) 892-3729	Fax	(713) 892-3687	
relephone	(713) 692-3729	rax	(713) 692-3007	
I am the:				
☐ Applicant				
SIGNATURE OF Applicant or Assignee of Record				
Name (Print/Type)	Raul R. Montes, General Counsel ar	nd Secretary for Univation Tec	hnologies, LLC	
Signature	Racellerone			

Date

		Application Number	09/425,387		
POWER	OF ATTORNEY OR	Filing Date	October 22, 1999		
AUTHORI	ZATION OF AGENT,	First Named Inventor	David H. McConville		
	CCOMPANYING	Group Art Unit	1713		
	PPLICATION	Examiner Name	W. Cheung		
		Attorney Docket Number.	1999U026.US		
I hereby appoint:		<u> </u>			
Practitioners at Customer Number Place Customer Number Bar Code					
OR		DATE DOCKETED	Label Here		
Practitioner(s	s) named below:	3/28/2001			
		By JAK			
	Attorney/Agent	Registration	on Number		
Darra	I E. Warner		046		
		•			
Lisa K	imes Jones	41,	878		
Raul F	R. Montes	32,	545		
	(s) or agent(s) to prosecute the ap nark Office connected therewith.	plication identified above, a	nd to transact all business in the		
	correspondence address for the a -mentioned Customer Number.	bove-identified application t	o:		
OR					
Firm or Individual Name	Univation Technologies, LLC				
Address	5555 San Felipe				
Address	Suite 1950		7:- 0-4- 77056		
City Country	Houston State Texa United States of America	is 1	Zip Code 77056		
Telephone	(713) 892-3668	Fax	(713) 892-3687		
I am the:					
☐ Applicant			·		
Assignee of record of the entire interest					
SIGNATURE OF Applicant or Assignee of Record					
Name (Print/Type)	Raul R. Montes, General Counsel ar	nd Secretary for Univation Tecl	hnologies, LLC		
Signature	Rauedler 3-17-0	me			
Date	3-17-0	/			

"PATENT"

DECLARATION FOR PATENT APPLICATION

As a below named inventor	r, I hereby declare that:			
My residence, post office a	ddress and citizenship are as	stated below next to my nam	ne.	
names are listed below) of	first and sole inventor (if onl the subject matter which is cl alyst Composition, Method	aimed and for which a paten	t is sought on the invent	
	is attached hereto unless the			
[X] was filed on Oct and was amended on	as Application (if application)	on Serial No. or PCT Interna- ole).	tional Application No.	09/425,387
I hereby state that I have reby any amendment referred	viewed and understand the c to above.	ontents of the above identific	ed specification, including	ng the claims, as amended
I acknowledge the duty to Code of Federal Regulation	disclose information which is, § 1.56.	is material to the examination	on of this application in	accordance with Title 37
certificate(s), or § 365(a) of listed below and have also	rity benefits under 35 U.S.C. of any PCT International appearance identified below, by checking a filing date before	plication which designated a g the box, any foreign appli	it least one country other ication(s) for patent or i	er than the United States
Prior Foreign Application(s)		<u>P</u>	riority Claimed
(Number)	(Country)	(Day/Month/Year Filed)	[] Yes	[] No
(Number)	(Country)	(Day/Month/Year Filed)	[] Yes	[] No
I hereby claim the benefit u	nder 35 U.S.C. § 119(e)(1)-(2	2) of any United States provi	sional application(s) list	ed below.
(Application Numb	er)	(Filing Date)		
(Application Numb	er)	(Filing Date)		
designating the United State the prior United States or acknowledge the duty to dis	nder 35 U.S.C. § 120 of any es, listed below and, insofar a PCT International application of the prior application date of the prior application	s the subject matter of each of on in the manner provided which is material to patentab	of the claims of this appl to by the first paragraph oility as defined in 37 C.	ication is not disclosed in a of 35 U.S.C. § 112, 1 FR § 1.56 which became
(Application Serial No.)	(Filing Date	e) (Sta	tus - patented, pending, abando	oned)
(Application Serial No.)	(Filing Date		tue potented conding abands	anad)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

NAMES	REGISTRATION NUMBERS
Jaimes Sher	34,726
Lisa Kimes Jones	41,878
William G. Muller	32,281

SEND CORRESPONDENCE TO:	DIRECT TELEPHONE CALLS TO: (Name and Telephone Number)	
Univation Technologies LLC		ł
5555 San Felipe, Suite 1950	Phone No.: (713) 892-3668	
Houston, Texas 77056	Facsimile No.: (713) 892-3699	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME	LAST NAME	FIRST NAME		MIDDLI	ENAME
OF INVENTOR	Loveday	Donald		R.	
RESIDENCE &	CITY	STATE OR FO	REIGN COUNTRY	COUNT	RY OF CITIZENSHIP
CITIZENSHIP	Houston	Texas		United S	tates
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	2419 Jasmine Ridge Court	Houston	Texas		77062

Inventor's signature

Date Nov. 8, 1999

FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME
OF INVENTOR	McConville	David		H.	
RESIDENCE &	CITY	STATE OR FO	REIGN COUNTRY	COUNTI	RY OF CITIZENSHIP
CITIZENSHIP	Houston	Texas		Canada	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	4015 Cinnamon Fern Court	Houston	Texas		77059

Inventor's signature Laur M. Commell

Date 11/8/99

FULL NAME	LAST NAME	FIRST NAM	E	MIDDLI	E NAME
OF INVENTOR	Szul	John		F.	
RESIDENCE &	CITY	STATE OR F	FOREIGN COUNTRY	COUNT	RY OF CITIZENSHIP
CITIZENSHIP	Nitro	West Virginia	1	United S	tates
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	5 Lake Lane	Nitro	West Virginia		25143

Inventor's signature	 Date

FULL NAME	LAST NAME	FIRST NAME		MIDDL	E NAME
OF INVENTOR	Erickson	Kersten			
RESIDENCE &	CITY		STATE OR FOREIGN COUNTRY		RY OF CITIZENSHIP
CITIZENSHIP	South Charleston	West Virginia		United States	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	825-A Glendale Avenue	South Charleston	West Virginia		25303
Inventor's sign	nature		Date		
FULL NAME	LAST NAME	FIRST NAME		MIDDLI	E NAME
OF INVENTOR	Mawson	Simon			
RESIDENCE &	·CITY	STATE OR FOREI	GN COUNTRY	COUNT	RY OF CITIZENSHIP
CITIZENSHIP	Charleston	West Virginia		United S	tates
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	318 South Pointe	Charleston	West Virginia		25314
Inventor's sign	ature		Date		·
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	ENAME
OF INVENTOR	Kwack	Tae Hoon			
RESIDENCE &	CITY	STATE OR FOREIG	GN COUNTRY	COUNT	RY OF CITIZENSHIP
CITIZENSHIP	Belle Mead	New Jersey		United St	tates
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	241 Berkley Avenue	Belle Mead	New Jersey		08502
Inventor's sign	ature		Date		
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME
OF INVENTOR	Karol	Frederick		J	
RESIDENCE &	CITY	STATE OR FOREIG	GN COUNTRY		RY OF CITIZENSHIP
CITIZENSHIP	Belle Mead	New Jersey		United St	ates
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	18 Hiland Drive	Belle Mead	New Jersey		08502
Inventor's signa			Date		
FULL NAME	LASTNAME	FIRST NAME		MIDDLE	NAME
OF INVENTOR	LAST NAME . Schreck	David David		James	NAME
RESIDENCE &	CITY	STATE OR FOREIG	SN COLINTRY		RY OF CITIZENSHIP
CITIZENSHIP	Cross Lanes	West Virginia	JA COUNTRI	United St	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	·	ZIP CODE
ADDRESS	5226 Sun Valley Drive	Cross Lanes	West Virginia	ONIKI	25313
MUNICOS	1 3220 Suit Valley Dilve	1 Closs Calles	1 TVEST VIIGIIIIA		1 23313
Inventor's signa	ature		Date		

Case Docket No.	1999U026.US
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"PATENT"

DECLARATION FOR PATENT APPLICATION

My residence, post office address and citizenship are as stated below next to my name.

As a below named inventor, I hereby declare that:

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Catalyst Composition, Method of Polymerization, and Polymer Therefrom the specification of which is attached hereto unless the following box is checked: was filed on Oct. 22, 1999 * as Application Serial No. or PCT International Application No. 09/425,387 and was amended on (if applicable). N/A I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56. I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate(s), or § 365(a) of any PCT International application which designated at least one country other than the United States. listed below and have also identified below, by checking the box, any foreign application(s) for patent or inventor's certificate(s), or PCT International application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s) Priority Claimed [] [] (Number) (Country) (Day/Month/Year Filed) [] [] (Day/Month/Year Filed) (Number) (Country) I hereby claim the benefit under 35 U.S.C. § 119(e)(1)-(2) of any United States provisional application(s) listed below. (Application Number) (Filing Date) (Application Number) (Filing Date) I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application. (Application Serial No.) (Filing Date) (Status - patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status - patented, pending, abandoned)

Case Docket No.	1999U026.US
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application and tr				·		
NAMES		REGIST	TRATION NUMBERS	3		
Jaimes Sher		34,726				
Lisa Kimes Jones		41,878				
William G. Mulle	<u>:T</u>	32,281		·		
SEND CORRESI	PONDENCE TO:	DIRECT	TELEPHONE CALI	LS TO:		
		(Name a	nd Telephone Number	r)	•	
Univation Techno		D1 N	(712) 000 266	,		
5555 San Felipe, Houston, Texas 7		Phone No.: (713) 892-3668 Facsimile No.: (713) 892-3699				
believed to be tru punishable by fir	hat all statements made herein of my e; and further that these statements ne or imprisonment, or both, under copardize the validity of the applicati	were made with the kir Section 1001 of Ti	nowledge that willful tle 18 of the United	false staten	nents and the like so r	
FULL NAME	LAST NAME	FIRST NAME		MIDDL	E NAME	
OF INVENTOR	Loveday	Donald		R.		
RESIDENCE &	CITY		REIGN COUNTRY		RY OF CITIZENSHII	
CITIZENSHIP	Houston	Texas		United S		
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO		ZIP CODE	
ADDRESS	2419 Jasmine Ridge Court	Houston	Texas	01,111	77062	
Inventor's sig	nature		Date			
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	ENAME	
OF INVENTOR	McConville	David	<u> </u>	H.		
RESIDENCE &	CITY	STATE OR FOI	REIGN COUNTRY	COUNT	RY OF CITIZENSHIP	
CITIZENSHIP	Houston	Texas		Canada		
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE	
ADDRESS	4015 Cinnamon Fern Court	Houston	Texas		77059	
 	nature		Date			
Inventor's sign						
Inventor's sign	LAST NAME	FIRST NAME		MIDDLE	NAME	
FULL NAME	LAST NAME Szul	FIRST NAME John		MIDDLE F.	NAME	
FULL NAME OF INVENTOR		John	REIGN COUNTRY	F.	E NAME RY OF CITIZENSHIP	
FULL NAME OF INVENTOR RESIDENCE &	Szul	John	REIGN COUNTRY	F.	RY OF CITIZENSHIF	
	Szul CITY	John STATE OR FOR	REIGN COUNTRY	F. COUNTI	RY OF CITIZENSHIF	

PAGE 2 DECLAR.DOT

Case Docket No. 1999U026.US

FULL NAME	LAST NAME	FIRST NAME		MIDDL	E NAME
OF INVENTOR	Erickson	Kersten		Anne	
RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY		COUNT	RY OF CITIZENSHIP
CITIZENSHIP	South Charleston	West Virginia		United S	States
POST OFFICE	POST OFFICE ADDRESS	CITY STATE OR COL		UNTRY	ZIP CODE
ADDRESS	825-A Glendale Avenue	South Charleston	West Virginia		25303
<u> </u>		- 			-
Inventor's sign	nature		Date		
					
FULL NAME	LAST NAME	FIRST NAME	,	MIDDL	E NAME
OF INVENTOR	Mawson	Simon			
RESIDENCE &	CITY	STATE OR FOREI	GN COUNTRY	COUNT	RY OF CITIZENSHIP
CITIZENSHIP	Charleston	West Virginia		United S	tates
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	318 South Pointe	Charleston	West Virginia		25314
Inventor's sign	ature		Date		
22 0.1.0					
FULL NAME	LAST NAME	FIRST NAME		MIDDLI	NAME
OF INVENTOR	Kwack	Tae Hoon			
RESIDENCE &	CITY	STATE OR FOREIG	GN COUNTRY	COUNT	RY OF CITIZENSHIP
CITIZENSHIP	Belle Mead	New Jersey		United S	tates
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	241 Berkley Avenue	Belle Mead	New Jersey		08502
<u></u>		- /			,
Inventor's sign	ature John Sova	The	Date	11/10	199
	- file				1
					·
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME
OF INVENTOR	Karol	Frederick		J.	
RESIDENCE &	CITY	STATE OR FOREIG	ON COUNTRY	COUNTI	RY OF CITIZENSHIP
CITIZENSHIP	Belle Mead	New Jersey		United S	ates
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	18 Hiland Drive	Belle Mead	New Jersey		08502
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Inventor's sign:	ature <u>Indend J. K</u> e	nol	Date <u>//</u>	110/99	7
	and the second			<u></u>	
	/				
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME
OF INVENTOR	Schreck	David		James	
RESIDENCE &	CITY	STATE OR FOREIG	ON COUNTRY	COUNTI	RY OF CITIZENSHIP
CITIZENSHIP	Cross Lanes	West Virginia		United St	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	·	ZIP CODE
ADDRESS	5226 Sun Valley Drive	Cross Lanes	West Virginia	~·····	25313
	1 5220 out valley Drive	1 Cioss Danes	1 03 11511112		1
Inventor's signa	ature		Date		
miscinoi a aigila	ituic		Date		

Case Docket No. 1999U026.US

"PATENT"

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Catalyst Composition, Method of Polymerization, and Polymer Therefrom the specification of which is attached hereto unless the following box is checked: as Application Serial No. or PCT International Application No. [X] was filed on 09/425,387 Oct. 22, 1999 and was amended on N/A (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56. I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate(s), or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application(s) for patent or inventor's certificate(s), or PCT International application having a filing date before that of the application on which priority is claimed. Priority Claimed Prior Foreign Application(s) [] (Day/Month/Year Filed) (Country) (Number) [] [] (Day/Month/Year Filed) (Country) (Number) I hereby claim the benefit under 35 U.S.C. § 119(e)(1)-(2) of any United States provisional application(s) listed below. (Application Number) (Filing Date) (Filing Date) (Application Number) I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application. (Status - patented, pending, abandoned) (Filing Date) (Application Serial No.) (Application Serial No.) (Filing Date) (Status - patented, pending, abandoned)

application and tra					
NAMES			RATION NUMBERS	S	
Jaimes Sher		34,726			
Lisa Kimes Jones William G. Muller		41,878			•
William G. Muller		32,281			
SEND CORRESPO	ONDENCE TO:	DIRECT	TELEPHONE CAL	LS TO:	
			d Telephone Numbe		
Univation Technol		•	•	,	
5555 San Felipe, S		Phone No			
Houston, Texas 77	056	Facsimile	No.: (713) 892-369	9	
believed to be true punishable by fine	at all statements made herein of my and further that these statements v or imprisonment, or both, under pardize the validity of the application	vere made with the known Section 1001 of Title	owledge that willful e 18 of the United	false staten	nents and the like so m
FULL NAME	LAST NAME	FIRST NAME	·	MIDDLI	E NAME
OF INVENTOR	Loveday	Donald	•	R.	
RESIDENCE &	CITY	STATE OR FOR	EIGN COUNTRY	COUNT	RY OF CITIZENSHIP
CITIZENSHIP	Houston	Texas		United S	tates
	POST OFFICE ADDRESS	CITY	STATE OR CO	M DAITTO M	ZIP CODE
POST OFFICE	I FUST OFFICE ADDRESS	CILI	ISTATE OR CO	INIKI	LYILCONE
ADDRESS	2419 Jasmine Ridge Court	Houston	Texas		77062
	2419 Jasmine Ridge Court ature LAST NAME	Houston FIRST NAME		MIDDLE	77062
ADDRESS Inventor's sign FULL NAME OF INVENTOR	2419 Jasmine Ridge Court ature LAST NAME McConville	Houston FIRST NAME David	Texas Date	MIDDLE	77062 E NAME
Inventor's sign FULL NAME OF INVENTOR RESIDENCE &	2419 Jasmine Ridge Court ature LAST NAME McConville CITY	FIRST NAME David STATE OR FOR	Texas	MIDDLE H. COUNTI	77062
Inventor's sign FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP	2419 Jasmine Ridge Court ature LAST NAME McConville CITY Houston	FIRST NAME David STATE OR FOR	Texas Date EIGN COUNTRY	MIDDLE H. COUNTI Canada	77062 E NAME RY OF CITIZENSHIP
Inventor's sign FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE	2419 Jasmine Ridge Court ature LAST NAME McConville CITY Houston POST OFFICE ADDRESS	FIRST NAME David STATE OR FOR Texas CITY	Texas Date EIGN COUNTRY STATE OR CO	MIDDLE H. COUNTI Canada	77062 E NAME RY OF CITIZENSHIP ZIP CODE
Inventor's sign FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE	2419 Jasmine Ridge Court ature LAST NAME McConville CITY Houston	FIRST NAME David STATE OR FOR	Texas Date EIGN COUNTRY	MIDDLE H. COUNTI Canada	77062 E NAME RY OF CITIZENSHIP
Inventor's sign FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE	2419 Jasmine Ridge Court ature LAST NAME McConville CITY Houston POST OFFICE ADDRESS 4015 Cinnamon Fern Court	FIRST NAME David STATE OR FOR Texas CITY	Texas Date EIGN COUNTRY STATE OR CO	MIDDLE H. COUNTI Canada	77062 E NAME RY OF CITIZENSHIP ZIP CODE
Inventor's sign FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS Inventor's signs	2419 Jasmine Ridge Court ature LAST NAME McConville CITY Houston POST OFFICE ADDRESS 4015 Cinnamon Fern Court	FIRST NAME David STATE OR FOR Texas CITY	Texas Date EIGN COUNTRY STATE OR CO Texas	MIDDLE H. COUNTI Canada DUNTRY	77062 E NAME RY OF CITIZENSHIP ZIP CODE 77059
Inventor's sign FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS Inventor's signs	2419 Jasmine Ridge Court ature LAST NAME McConville CITY Houston POST OFFICE ADDRESS 4015 Cinnamon Fern Court ature LAST NAME Szul	FIRST NAME David STATE OR FOR Texas CITY Houston FIRST NAME John	Date EIGN COUNTRY STATE OR CO Texas Date	MIDDLE H. COUNTI Canada DUNTRY MIDDLE F.	77062 E NAME RY OF CITIZENSHIP ZIP CODE 77059 E NAME
Inventor's sign FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS Inventor's signs FULL NAME OF INVENTOR RESIDENCE &	2419 Jasmine Ridge Court ature LAST NAME McConville CITY Houston POST OFFICE ADDRESS 4015 Cinnamon Fern Court	FIRST NAME David STATE OR FORD Texas CITY Houston FIRST NAME John STATE OR FORD	Texas Date EIGN COUNTRY STATE OR CO Texas	MIDDLE H. COUNTY Canada DUNTRY MIDDLE F. COUNTR	77062 E NAME RY OF CITIZENSHIP ZIP CODE 77059 E NAME RY OF CITIZENSHIP
Inventor's sign FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS Inventor's signs FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP	2419 Jasmine Ridge Court ature LAST NAME McConville CITY Houston POST OFFICE ADDRESS 4015 Cinnamon Fern Court ature LAST NAME Szul CITY Nitro	FIRST NAME David STATE OR FORD Texas CITY Houston FIRST NAME John STATE OR FORD West Virginia	Texas Date EIGN COUNTRY STATE OR CO Texas Date	MIDDLE H. COUNTI Canada DUNTRY MIDDLE F. COUNTI United St	77062 E NAME RY OF CITIZENSHIP ZIP CODE 77059 E NAME RY OF CITIZENSHIP tates
Inventor's sign FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS	2419 Jasmine Ridge Court ature LAST NAME McConville CITY Houston POST OFFICE ADDRESS 4015 Cinnamon Fern Court ature LAST NAME Szul CITY	FIRST NAME David STATE OR FORD Texas CITY Houston FIRST NAME John STATE OR FORD	Date EIGN COUNTRY STATE OR CO Texas Date	MIDDLE H. COUNTI Canada DUNTRY MIDDLE F. COUNTI United St	77062 E NAME RY OF CITIZENSHIP ZIP CODE 77059 E NAME RY OF CITIZENSHIP

PAGE 2

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FULL NAME	LAST NAME	FIRST NAME			E NAME	
OF INVENTOR	Erickson	Kersten	(C)1 CO1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Anne	TO LO CHENCE LOSS	
RESIDENCE &	CITY	STATE OR FORE	IGN COUNTRY	J	RY OF CITIZENSHIP	
CITIZENSHIP	South Charleston	West Virginia	Torum on on	United States		
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO		<u> </u>	
ADDRESS	825-A Glendale Avenue	South Charleston	West Virginia		25303	
Inventor's sign	nature <u>Yestu Anne</u>	Suden	Date	/- 84	9	
FULL NAME	LAST NAME	FIRST NAME		MIDDL	E NAME	
OF INVENTOR	Mawson	Simon			•	
RESIDENCE &	CITY	STATE OR FOREI	GN COUNTRY	COUNT	RY OF CITIZENSHIP	
CITIZENSHIP	Charleston	West Virginia		United S		
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE	
ADDRESS	318 South Pointe	Charleston	West Virginia		25314	
	_					
Inventor's sign	nature Simon Man	المواد	Date	///8/	199	
-				<i>,</i>		
	T	T		T		
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	ENAME	
OF INVENTOR	Kwack	Tae Hoon				
RESIDENCE &	CITY	STATE OR FOREI	GN COUNTRY	1	RY OF CITIZENSHIP	
CITIZENSHIP	Belle Mead	New Jersey		United S		
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO		.	
ADDRESS	241 Berkley Avenue	Belle Mead	New Jersey		08502	
			5			
Inventor's sign	ature		Date			
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	ENAME	
OF INVENTOR	Karol	Frederick		J.	LE ITANE	
RESIDENCE &	CITY	STATE OR FOREIG	GN COUNTRY	 	RY OF CITIZENSHIP	
CITIZENSHIP	Belle Mead	New Jersey		United S		
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO			
ADDRESS	18 Hiland Drive	Belle Mead	New Jersey		1	
	1		1		<u> </u>	
Inventor's sign	ature		Date			
						
				,		
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME	
OF INVENTOR	Schreck	David		James		
RESIDENCE &	CITY	STATE OR FOREIG	GN COUNTRY	COUNT	RY OF CITIZENSHIP	
CITIZENSHIP	Cross Lanes	West Virginia		United St		
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE	
ADDRESS	5226 Sun Valley Drive	Cross Lanes	West Virginia		25313	
		1	11	.}		
Inventor's sign	ature Dann James John	iol	Date/	Jariem	us 8,1943	
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DECLAR.DOT	V				PAGE 3	



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

MARCH 31, 2000

UNIVATION TECHNOLOGIES LLC. LISA KIMES JONES 5555 SAN FELIPE, SUITE 1950 HOUSTON, TEXAS 77056 PTAS



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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ASSIGNOR:

LOVEDAY, DONALD R.

DOC DATE: 11/08/1999

ASSIGNOR:

MCCONVILLE, DAVID H.

DOC DATE: 11/08/1999

ASSIGNOR:

SZUL, JOHN F.

DOC DATE: 11/08/1999

ASSIGNOR:

ERICKSON, KERSTEN ANNE

DOC DATE: 11/08/1999

ASSIGNOR:

MÄWSON, SIMON

DOC DATE: 11/08/1999

ASSIGNOR:

KWACK, TAE HOON

DOC DATE: 11/10/1999

ASSIGNOR:

KAROL, FREDERICK J.

DOC DATE: 11/10/1999

010491/0078 PAGE 2

ASSIGNOR:

SCHRECK, DAVID JAMES

DOC DATE: 11/08/1999

ASSIGNEE:

UNIVATION TECHNOLOGIES, LLC 5555 SAN FELIPE, SUITE 1950 HOUSTON, TEXAS 77056

SERIAL NUMBER: 09425387

PATENT NUMBER:

FILING DATE: 10/22/1999

ISSUE DATE:

KIMBERLY WHITE, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

FORM PTO-1595 01 - 20	-2000 U.S. DEPARTMENT OF COMMERCE
LIEBERT STEN STEN STEN STEN STEN STEN	Patent and Trademark Office
RI WILLIAM	HEET
MLD 1.10.00 10124	7392
To the Honorable Commissioner of FL	ached original documents of copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Donald R. Loveday, David H. McConville, John F. Szul, Kersten Anne Erickson,	Name: Univation Technologies, LLC
Simon Mawson, Tae Hoon Kwack,	200000000000000000000000000000000000000
Frederick J. Karol and David James Schreck	Street Address: 5555 San Felipe, Suite 1950
Additional name(s) of conveying party(ies) attached? Yes No	City: Houston State: Texas ZIP: 77056
3. Nature of conveyance:	
	Additional name(s) & address(es) attached? Yes No
Other	WECEINFU
Execution Date: November 8 and 10, 1999	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application,	the execution date of the application is:
A. Patent Application No.(s) 09/425,387	B. Patent No.(s)
Additional numbers atta	· ached?
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: [1]
concerning documents should be mailed:	o. Total number of applications and patents involved. [1]
Name: Lisa Kimes Jones	7. Total fee (37 CFR 1.41): \$40.00
Internal Address: Univation Technologies LLC.	
Mailing Address: 5555 San Felipe, Suite 1950 City: Houston State: Texas ZIP: 77056	Authorized to be charged to deposit account
City. Houston State. Texas 211. 77050	8. Deposit account number: 50-0589
DO NOT US	SE THIS SPACE
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing i Copy of the original document.	nformation is true and correct and any attached copy is a true
Copy of the original accument.	
Lisa Kimes Jones	January 7, 2000
Name of Person Signing	Signature Date
Total number of pages including cov	er sheet, attachments, and document: [8]
Mail documents to be recorded with required cover sheet inform	nation to:
	TENTS AND TRADEMARKS SIGNMENT
	TON DC 20231

01/19/2000 DNGUYEN 06000156 S00589 09425387 01 FC:581 40.00 CH

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AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all patents on said invention to said UNIVATION TECHNOLOGIES, LLC as Assignee of the entire right, title and interest, and covenant that I have full right so to do, and agree that I will communicate to said Corporation or its representatives any facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Corporation, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

DATE	11/8/99 John J. Szul	(LS)
	John F. Szul John F. Szul Witness	marie marie
DATE .	11/8/199 Kersten Anne Erickson	(LS)
	Joan Etta Con Witness	
DATE .	11/8/99 Simon Manson Simon Mawson	(LS)
	Witness Witness	

ASSIGNMENT OF INVENTION, PRIORITY RIGHTS AND RIGHTS TO APPLY FOR PATENTS

i, the undersig	gnea, John F. Szui, Kersie	en Anne Erickson, Sin	non Mawson, Tae Hoon ∠v	vack, Frederick J.
Karol, David	James Schreck, HEREBY	STATE UNDER OAT	TH that I am the original an	d first inventor or
	•	•	of Polymerization, and Po	•
as described	and/or claimed in my appl	ication for Letters Pat	ent in the United States of	America, executed
on the	8th/10th	day(s) of	November	, 1999
given the Seri	al No. 09/425,387, and file	ed on October 22, 199	99, with the Family Numbe	r 1999U026.

NOW, THEREFORE, in consideration of my employment by Union Carbide Corporation, manufacturers, a corporation organized and existing under the laws of the State of New York, United States of America and having an office at 39 Old Ridgebury Road, Danbury, State of Connecticut, 06817-0001, United States of America, and having as its fifty-percent-owned joint venture, UNIVATION TECHNOLOGIES, LLC, technology licensors, a company organized and existing under the laws of the State of Delaware, United States of America, and having an office at 5555 San Felipe, Suite 1950, Houston, Texas, 77056, United States of America,

I DO HEREBY ASSIGN AND TRANSFER, without any restrictions, reservations or limitations, my entire right, title, and interest in and to said invention and application unto, as the Assignee, the aforesaid UNIVATION TECHNOLOGIES, LLC, its successors, assigns and nominees, and the entire right, title and interest in and to all patents which may be granted thereon, and all divisions, continuations, continuations-in-part, reissues, reexaminations and extensions thereof;

AND ALL PRIORITY RIGHTS derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property, for any and all member countries of the aforesaid International Convention;

AND THE SOLE RIGHT to file such applications under the Patent Laws of any country of the world in its name and/or mine, and the sole right to have patents granted on said applications in its name and/or mine to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by me had this assignment not been made, and to enforce said patents with my right to sue for and recover accrued profits or damages for any and all infringements thereof;

AND AUTHORIZE the above-named Assignee to insert in this instrument the execution date, serial number and filing date of said application;

DATE				(LS)
			Tae Hoon Kwack	
			Witness	
DATE		•		(LS)
			Frederick J. Karol	
	•		Witness	
DATE	Nov	8,1999	David James Schried	(LS)
		,	David James Schreck	
		go	n the Cx	
		//	Witness	

ASSIGNMENT OF INVENTION, PRIORITY RIGHTS AND RIGHTS TO APPLY FOR PATENTS

given the S	Serial No. 09/425,387, and	filed on October 22, 1999	9, with the Family Number 1	1999U026.
on the	8th/10th	day(s) of	November	, 1999
as describe	ed and/or claimed in my a	pplication for Letters Pate	ent in the United States of A	merica, executed
co-inventor	r of an invention for Cataly	st Composition, Method o	of Polymerization, and Poly	mer Therefrom
Karol, Davi	id James Schreck, HEREI	BY STATE UNDER OATH	I that I am the original and	first inventor or
I, the unde	rsigned, John F. Szul, Ker	sten Anne Erickson, Simo	on Mawson, Tae Hoon Zwa	ck, Frederick J.

NOW, THEREFORE, in consideration of my employment by Union Carbide Corporation, manufacturers, a corporation organized and existing under the laws of the State of New York, United States of America and having an office at 39 Old Ridgebury Road, Danbury, State of Connecticut, 06817-0001, United States of America, and having as its fifty-percent-owned joint venture, UNIVATION TECHNOLOGIES, LLC, technology licensors, a company organized and existing under the laws of the State of Delaware, United States of America, and having an office at 5555 San Felipe, Suite 1950, Houston, Texas, 77056, United States of America,

I DO HEREBY ASSIGN AND TRANSFER, without any restrictions, reservations or limitations, my entire right, title, and interest in and to said invention and application unto, as the Assignee, the aforesaid UNIVATION TECHNOLOGIES, LLC, its successors, assigns and nominees, and the entire right, title and interest in and to all patents which may be granted thereon, and all divisions, continuations, continuations-in-part, reissues, reexaminations and extensions thereof;

AND ALL PRIORITY RIGHTS derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property, for any and all member countries of the aforesaid International Convention:

AND THE SOLE RIGHT to file such applications under the Patent Laws of any country of the world in its name and/or mine, and the sole right to have patents granted on said applications in its name and/or mine to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by me had this assignment not been made, and to enforce said patents with my right to sue for and recover accrued profits or damages for any and all infringements thereof;

AND AUTHORIZE the above-named Assignee to insert in this instrument the execution date, serial number and filing date of said application;

AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all patents on said invention to said UNIVATION TECHNOLOGIES, LLC as Assignee of the entire right, title and interest, and covenant that I have full right so to do, and agree that I will communicate to said Corporation or its representatives any facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Corporation, its successors, assigns, and

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

nominees, to obtain and enforce proper protection for said invention in all countries.

DATE	• ••	(LS)
	John F. Szul	
	Witness	
	·	
DATE		(LS)
**************************************	Kersten Anne Erickson	
	·	
	NATA	
	Witness	
DATE		(LS)
	Simon Mawson	
<u></u>		
	Witness	

DATE	11/10/99 Jelli Mach Tae Hoon Kwack	(LS) -
	Balan Muller Witness	
DATE	11/10/99 <u>Ziedensk</u> J. Karol Frederick J. Karol	(LS) -
	Babara Muller Witness	
DATE	David James Schreck	(LS) -
	Witness	

David H. McConville

ASSIGNMENT

INVENTOR or INVENTORS:

Donald R. Loveday

which i	In consideration of One Hundred Twenty-five Dollars (\$125.00) and other good and valuable consideration, the receipt of is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as:
	1) UNDERSIGNED hereby assign(s) to Univation Technologies, LLC, a Delaware company, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled
	Catalyst Composition, Method of Polymerization, and Polymer Therefrom
	said application having been executed on the 8th/10th day(s) of November, 1999, and being further identified as Case No. 1999U026, U.S.S.N. 09/425,387, filed October 22, 1999; and all rights of priority created by said application under provisions of international conventions or treaties.
	2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.
	3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.
	4) UNDERSIGNED agree(s) to perform upon ASSIGNEE'S request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.
	5) UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert at paragraph 1, in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application, as well as the filing date and application number thereof when known.
NAME.	IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S
DATE	NOV. 8, 1989 Donald R. Loveday (LS)
	I (Fix 11/8/99
DATE	11/8/99 Witness Oacuf W Conville (LS) David H. McConville
	F